U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO			49/PTO	C	Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 5, 2011				Application Number	10/582,321		
				Filing Date	05/22/2007		
				First Named Inventor	Robert D. Hill		
(use as many sheets as necessary)			30, 2011	Art Unit	1638		
			necessary)	Examiner Name	Cathy Kingdon Worley		
Sheet	1	of	1	Attorney Docket Number	049280-0102		

U.S. PATENT DOCUMENTS							
Examin er Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines,		
		Number-Kind Code ² (if known)	MM-DD-YYYY		Where Relevant Passages or Relevant Figures Appear		

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Application Document Serial Number-Kind Code ² (if known)	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³⁻ Number ⁴⁻ Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶			
/C.K.W./	A1	TAYLOR ET AL., "A cerial haemoglobin gene is expressed in seed and root tissues under anaerobic conditions," Plant Molecular Biology, Vol. 24, pp. 853-862, 1994.				
/C.K.W./	A2	ANDERSSON ET AL., "A new hemoglobin gene from soybean: A role for hemoglobin in all plants," Proc. Natl. Acad. Sci., Vol. 93, pp. 5682-5687, June 1996.				
/C.K.W./	А3	TREVASKIS ET AL., "Two hemoglobin genes in <i>Arabidopsis thaliana</i> : The evolutionary origins of leghemoglobins," Proc. Natl. Acad. Sci., Vol. 94, pp. 12230-12234, October 1997.				
/C.K.W./	A4	MALLORY ET Al., "MicroRNA-directed regulation: to cleave or not to cleave," Trends in Plant Science, Vol. 13, No. 7, pp. 359-367, 2008.				
/C.K.W.	A5	KARGINOV ET AL., "A biochemical approach to identifying microRNA targets," PNAS, Vol. 104, No. 49, pp. 19291-19296, December 4, 2007.				

Examiner	/Cathy K. Worley/	Date	
Signature	/Cathy R. Woney/	Considered	08/19/2011

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.